

1 **ABSTRACT OF THE DISCLOSURE**

2 A solar energy pulse charge device includes a solar-powered panel
3 and a charging unit connected to the solar-powered panel for saving the
4 energy from the solar-powered panel. A control unit is electrically connected
5 to the charging unit for controlling the charging unit to charge or discharge. A
6 flyback circuit is electrically connected to the charging unit for providing
7 multiple independent power sources each having a unique reference potential.
8 A feedback voltage regulator circuit is electrically connected to the flyback
9 circuit for control the flyback circuit in a constant voltage and a cyclic start
10 circuit.